

### Amendments to Drawings

Fig. 1 has been objected to as not being designated by a legend such as --Prior Art-- because only that which is old is illustrated. Applicant has amended Fig. 1 to overcome the objection. Specifically:

Fig. 1 has been designated by a legend "Prior Art".

## **REMARKS**

Claims 1-21 are pending, of which claims 8, 9 and 15 have been deemed to contain allowable subject matter but have been objected to, and the remaining claims have been rejected. By this Amendment, claims 1, 11 have been amended. Specifically, claim 1 has been amended to include the limitations of claims 7-8; claim 1 has been amended to include the limitation of claims 13 and 15. Claims 7, 8, 13 and 15 have been correspondingly cancelled. Applicant respectfully submits that claims 1-6, 9-12, 14, 16-21 are allowable as amended.

### **Objection to the Drawings**

The drawings have been objected to as Figure 1 does not include a label "Prior Art." Applicant has amended the drawings to insert a label "Prior Art" and respectfully requests the withdrawal of the drawings.

### **Claim Objections**

Claims 1 has been objected to because of the following informalities: Claim 1 recites "..... which is applied to the TDD wireless communication ....." as the phrase "the TDD" lacks antecedent basis. Applicant has amended claim 1 to overcome the objection. Specifically:

The phrase "the TDD" of claim 1 is modified into "a TDD".

Claim 16 has been objected to as being in improper form because a multiple dependent claim cannot depend from any other multiple dependent claim.

In PRELIMINARY AMENDMENT filed on January 18, 2006, applicant had amended claim 16 to remove the multiple dependency. Specifically, claim 16 only depends from claim 14, and claim 14 only depends from claim 12.

Applicant therefore respectfully requests the withdrawal of the formality-based claim objections.

**Claim Rejections - 35 U.S.C.§102 and 35 U.S.C.§103**

Claims 1-7, 10-12, and 17 have been rejected under 35 U.S.C.§102(e) as being anticipated by Saw (U.S. Patent No. 7,352,736).

Claims 13, 14 and 16 have been rejected under 35 U.S.C.§103(a) as being unpatentable over Saw (U.S. Patent No. 7,352,736) in view of Examiner's official notice.

Claim 18 has been rejected under 35 U.S.C.§103(a) as being unpatentable over Saw (U.S. Patent No. 7,352,736) in view of Iochi et al. (U.S. Publication No. 2005/0213505).

Claim 19 has been rejected under 35 U.S.C.§103(a) as being unpatentable over Saw (U.S. Patent No. 7,352,736) in view of Oda (U.S. Patent No. 6,473,601).

Claim 20 has been rejected under 35 U.S.C.§103(a) as being unpatentable over Saw (U.S. Patent No. 7,352,736) in view of Umewaka (U.S. Patent No. 7,386,328).

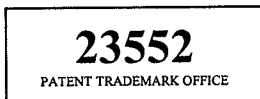
Claim 21 has been rejected under 35 U.S.C.§103(a) as being unpatentable over Saw (U.S. Patent No. 7,352,736) in view of Murakami (U.S. Patent No. 7,349,718).

Applicant has amended claims 1 and 11. Specifically, claim 1 has been amended to include the limitations of claims 7-8; claim 11 has been amended to include the limitation of claims 13 and 15. Claims 7, 8, 13 and 15 have been correspondingly cancelled. Because each of claims 7 and 15 has been deemed to contain allowable subject matter, Applicant respectfully submits that claims 1 and 11, as well as their respective dependent claims 2-6, 9-12, 14, and 16-21 are allowable.

Therefore, Applicant respectfully requests the withdrawal of the rejection of claims 1-6, 9-12, 14, and 16-21 under 35 U.S.C. §§ 102(e) and 103(a).

**Summary**

In view of the above amendments and remarks, Applicant respectfully requests a Notice of Allowance. If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.



Date: 24 July 2009

Respectfully submitted,

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A handwritten signature in black ink, appearing to read "Tong Wu". The signature is written over a horizontal line.

Tong Wu

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TW/cjc